

HOGAN & HARTSON L.L.P.

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 MAY 09 2005

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IMPORTANT NOTICE
TELCOPY/FACSIMILE COVER LETTER

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TO: U.S. Patent and Trademark Office
Examiner: Karl E. Group
Art Unit: 1755

FROM: Lawrence J. McClure

TOTAL NO. OF PAGES, INCLUDING COVER: 13-14

DATE: May 9, 2005

TIME:

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MESSAGE:

RE: U.S. Patent Application Serial No.: 10/692,406, Our Ref. 81707.0189

I hereby certify that the following documents:

- Amendment/Amendment Transmittal Letter

are being facsimile transmitted to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, for filing in the above application.

May 9, 2005
 Date of Deposit



Sheila Goldner

TELCOPY/FAX NUMBER: 703-872-9306 - Art Unit 1755

CLIENT NUMBER: 81707.0189

ATTORNEY BILLING NUMBER: 1966

CONFIRMATION NUMBER: (571) 272-1368 (please return fax to Sheila Goldner)

FORM PTO-1083

MAY 09 2005

81707.0189
Patent Application No. 10/692,406

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Shinya KAWAI et al.

Serial No: 10/692,406

Filed: October 22, 2003

For: GLASS CERAMIC SINTERED BODY AND WIRING
BOARD USING THE SINTERED BODYMail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

Transmitted herewith is an amendment in the above-identified application.

 No additional fee is required.

The fee has been calculated as shown below:

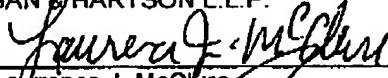
	(Col. 1) CLAIMS REMAINING AFTER AMENDMENT		(Col. 2) HIGHEST NUMBER PREVIOUSLY PAID FOR	(Col. 3) PRESENT EXTRA*	LG/SM \$ ENTITY FEE	ADD'L FEE DUE
TOTAL CLAIMS FEE	15	-	27	**	LG=\$50 SM=\$25	\$ 0
INDEPENDENT CLAIMS FEE	1	-	3	***	LG=\$200 SM=\$100	\$ 0
FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIMS					LARGE ENTITY FEE = \$280 SMALL ENTITY FEE = \$140	\$ 0
Independent Claim: 8					TOTAL	\$ 0

- * If the entry in Col. 1 is less than the entry in Col. 2, write "0" in Col. 3.
- ** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, write "20" in this space.
- *** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, write "3" in this space. The "Highest Number Previously Paid For" (Total or Independent) is the highest number found from the equivalent box on Col. 1 of a prior amendment or the number of claims originally filed.

- Please charge the fee of \$ 0 for the additional claim fees to Deposit Account No. 50-1314. A copy of this sheet is enclosed.
- Please charge the fee of \$ for the extension of time to Deposit Account No. 50-1314. A copy of this sheet is enclosed.
- The Commissioner is hereby authorized to charge any deficiencies of fees associated with this communication or credit any overpayment to Deposit Account No. 50-1314. A copy of this sheet is enclosed.
 - Any filing fees under 37 C.F.R. § 1.16 for the presentation of extra claims
 - Any patent application processing fees under 37 C.F.R. § 1.17

Respectfully submitted,
HOGAN & HARTSON L.L.P.

By:


 Lawrence J. McClure
 Registration No. 44,228
 Attorney for Applicant(s)

Date: May 9, 2005

 Biltmore Tower
 500 South Grand Avenue, Suite 1900
 Los Angeles, California 90071
 Telephone: 213 337-6700
 Facsimile: 213 337-6701

FORM PTO-1083

81707.0189
Patent Application No. 10/692,406

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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Filed: October 22, 2003

For: GLASS CERAMIC SINTERED BODY AND WIRING
BOARD USING THE SINTERED BODYArt Unit: 1755
Examiner: Karl E. Group

I hereby certify that this correspondence
is being transmitted via facsimile to
(703) 872-9306;
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450 on
May 9, 2005

Date of Deposit
Sheila Goldner
Name
Sheila Goldner, 05/09/05
Signature
Date

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

Transmitted herewith is an amendment in the above-identified application.

 No additional fee is required.

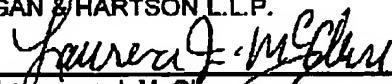
The fee has been calculated as shown below:

	(Col. 1) CLAIMS REMAINING AFTER AMENDMENT		(Col. 2) HIGHEST NUMBER PREVIOUSLY PAID FOR	(Col. 3) PRESENT EXTRA*	LG/SM \$ ENTITY FEE		ADD'L FEE DUE
TOTAL CLAIMS FEE	15	-	27	**	0	LG=\$50 SM=\$25	\$ 0
INDEPENDENT CLAIMS FEE	1	-	3	***	0	LG=\$3200 SM=\$100	\$ 0
FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIMS						LARGE ENTITY FEE = \$280 SMALL ENTITY FEE = \$140	\$ 0
Independent Claim: 8						TOTAL	\$ 0

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 - Any filing fees under 37 C.F.R. § 1.16 for the presentation of extra claims
 - Any patent application processing fees under 37 C.F.R. § 1.17

Respectfully submitted,
HOGAN & HARTSON L.L.P.

By: 
Lawrence J. McClure
Registration No. 44,228
Attorney for Applicant(s)

Date: May 9, 2005

Biltmore Tower
500 South Grand Avenue, Suite 1900
Los Angeles, California 90071
Telephone: 213 337-6700
Facsimile: 213 337-6701

May-09-05 04:48pm From:HOGAN & HARTSON

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T-198 P.004/014 F-856

MAY 09 2005

Appl. No. 10/692,406
Amdt. Dated May 9, 2005
Reply to Office Action of March 21, 2003

Attorney Docket No. 81707.0189
Customer No.: 26021

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:
Shinya KAWAI, et al.
Serial No: 10/692,406
Confirmation No.: 8498
Filed: October 22, 2003
For: GLASS CERAMIC SINTERED BODY
AND WIRING BOARD USING THE
SINTERED BODY

Art Unit: 1755

Examiner: Karl E. Group

I hereby certify that this correspondence is being transmitted via facsimile to (703) 872-9306:	
Mail Stop [MAIL STOP NAME/NUMBER] Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450	
May 9, 2005	Date of Deposit
Sheila Goldner	
Name	Date
<u>Sheila Goldner</u> 05/09/05	
Signature	Date

AMENDMENT

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

In response to the Office Action dated March 21, 2003, please amend the above-referenced application as follows:

Amendments to the Claims are reflected in the listing of claims which begins on page 2 of this paper.

Remarks/Arguments begin on page 5 of this paper.